

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT - RENEWAL

PERMITTEE

Crest Industries, Inc.
Attn: Richard D. Sleckman
1066 Industry Road
Post Office Box 85
New Lenox, Illinois 60451

Application No.: 84040014
Applicant's Designation: 34090724
Subject: Paint Manufacturing Equipment
Date Issued: August 5, 2003
Location: 1066 Industry Road, New Lenox

I.D. No.: 197813AAF
Date Received: April 21, 2003
Expiration Date: August 5, 2008

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of paint manufacturing equipment (paint mixers) and eight storage tanks pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of air pollutants from the source to less than major source thresholds (i.e., volatile organic material (VOM) to less than 25 tons per year, individual hazardous air pollutants (HAP) to less than 10 tons per year, and a combination of such HAPs to less than 25 tons per year). As a result the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
2. Emissions and operation of the paint manufacturing equipment, including clean-up operations shall not exceed the following limits:

<u>Paint Production</u>		<u>Emission Factor</u>	<u>VOM Emissions</u>	
<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Lb/Ton of Product)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
125	1,467	30	1.9	22.0
<u>Single HAP Usage</u>		<u>Emission Factor</u>	<u>Single HAP Emissions</u>	
<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Lb/Ton of Product)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
63.6	633	30	0.95	9.5

<u>Pigment Used</u>		<u>Emission Factor</u>	<u>Particulate Matter (PM) Emissions</u>	
<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>	<u>(Lb/Ton of Product)</u>	<u>(Tons/Mo)</u>	<u>(Tons/Yr)</u>
120	1,200	20	1.2	12

These limits are based on the maximum paint manufactured and standard AP-42 emission factors. Compliance with the annual limits shall be determined from a running total of 12 months of data.

- 3a. This permit is issued based on emissions of VOM from each process emission unit not exceeding 8 pounds in any given hours, pursuant to 35 Ill. Adm. Code 218.301.
- b. This permit is also issued based on all tanks storing materials with vapor pressure less than 2.5 psia and having no odor nuisance, pursuant to 35 Ill. Adm. Code 218.122(c).
4. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.
5. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
- 6a. The Permittee shall maintain records of the following items, and such other items as may be appropriate to allow the Illinois EPA to review compliance with the limits in this permit.
 - i. Paint production (tons/month and tons/year);
 - ii. Pigment used (tons/month and tons/year);
 - iii. Greatest single HAP usage (tons/month and tons/year);
 - iv. Operating hours (hours/month and hours/year); and
 - v. VOM and HAP emissions including clean-up (lbs/hour, tons/month and tons/year).

- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA or USEPA request for records during the course of a source inspection.
- 7. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

- 8. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year:
 - a. Paint production (tons/month and tons/year); and
 - b. VOM and HAP emissions including clean-up (lbs/hr, tons/month and tons/year).

If you have any questions on this, please call Randy Solomon at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:RBS:jar

cc: Illinois EPA, FOS Region 1
Illinois EPA, Compliance Section
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emissions from the paint manufacturing plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is producing less than 1,467 tons per year of paint. The resulting maximum emissions are well below the levels, e.g., 25 tons per year of VOM, 10 tons per year of individual HAPs and 25 tons per year of a combination of such HAPs at which this source would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this source will be less than predicted in this summary to the extent that less material is handled, less paint is produced and control measures are more effective than required in this permit.

1. Emissions and operation of the paint manufacturing equipment, including clean-up operations shall not exceed the following limits:

Paint Production		Emission Factor (Lb/Ton of Product)	VOM Emissions	
(Tons/Mo)	(Tons/Yr)		(Tons/Mo)	(Tons/Yr)
125	1,467	30	1.9	22.0
Single HAP Usage		Emission Factor (Lb/Ton of Product)	Single HAP Emissions	
(Tons/Mo)	(Tons/Yr)		(Tons/Mo)	(Tons/Yr)
63.6	633	30	0.95	9.5
Pigment Used		Emission Factor (Lb/Ton of Product)	Particulate Matter (PM) Emissions	
(Tons/Mo)	(Tons/Yr)		(Tons/Mo)	(Tons/Yr)
120	1,200	20	1.2	12

These limits are based on the maximum paint manufactured and standard AP-42 emission factors. Compliance with the annual limits shall be determined from a running total of 12 months of data.

2. The emissions of Hazardous Air Pollutants (HAPs) as listed in Section 112(b) of the Clean Air Act shall not equal or exceed 10 tons per year of any single HAP or 25 tons per year of any combination of such HAPs, or such lesser quantity as USEPA may establish in rule which would require the Permittee to obtain a CAAPP permit from the Illinois EPA. As a result of this condition, this permit is issued based on the emissions of any HAP from this source not triggering the requirement to obtain a CAAPP permit from the Illinois EPA.

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